

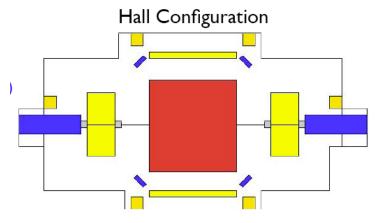
Steve Hahn

April 3, 2006

All Experimenters' Meeting



- March: Week-by-week
 - ➤ Week 2: March 6 to March 12
 - → Hardware EVB shutdown for additional EVB crates and "load balancing" to increase L2→L3 bandwidth
 - → COT switched to N₂; HV locked out every night while flammable gas still in muon chambers
 - → CMP (muon chambers below central detector) channels fixed
 - → Muon walls (east, west, north & south) and muon arches (NW, SW, NE, SE) pulled out so central and endwalls (and electronic crates) are accessible
 - → Begin program of upgrading and checking CAEN HV power supplies (plug, silicon, central preradiator) — continuing throughout shutdown
 - → Low beta quad Kautzky valves repaired
 - → Tevatron magnet rolls measured (CDF grad students/post-docs helped)
 - → 400 Hz motor generators refurbished and tested



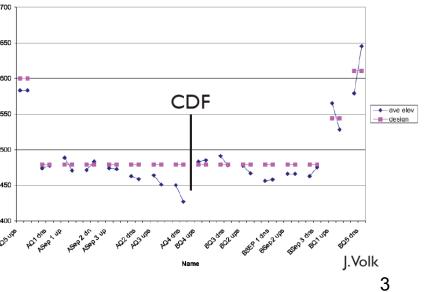




- - ➤ Week 3: March 13 to March 19
 - → All gas chambers switched to N₂; muon chambers with HV problems painted with corona dope and tested beforehand
 - → Upgrade of control room: new monitors (all LCD) and Linux computers
- I room: new monitors Magnet Positions
 - → Detector elevation survey completed
 - → March 18 power outage (0700-1500)
 - → Some problems: rented diesel
 generator for cryo plant, SVX
 heaters, SVX backup chilled water
 pump, temperature in 3rd floor
 computer room—all fixed or
 mitigated

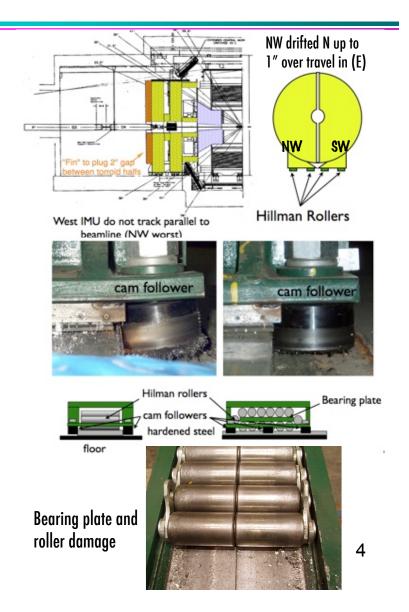
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 - → Good news: all UPSes (?) and out own diesel generator worked as expected



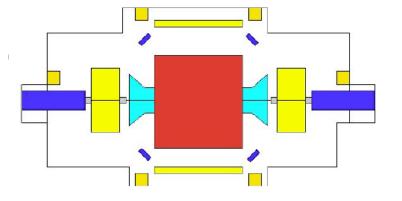


- - ➤ Week 4: March 20 to March 26
 - → Accidental power off of building power due to chiller electrical work—good test of separation of building power and experimental power
 - NW muon wall (IMU) lifted and Hillman roller replaced and tested; certainly will do SW IMU and maybe NE IMU; in contact with Hillman, will try to refurbish NW Hillman roller





- March: Week-by-week (continued)
 - ➤ Week 5: March 27 to April 3
 - → Hadron and E-M timing crates Run IIB TDC upgrade
 - → Hardware EVB hardware completed; hope to use with DAQ this week or next
 - → "Slow controls" PC upgrades almost done
 - Endplugs pulled out today
 - → COT noise reduction work to increase effectiveness of XFT upgrade at high luminosity
 - → Silicon work
 - → WHA PMT work
 - → Power outage no problem this morning, except diesel generator ran but did not deliver power; understood



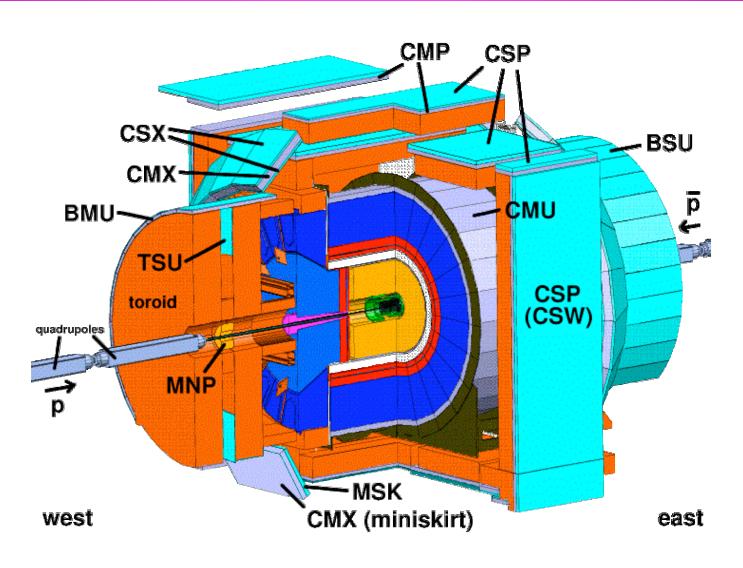


Important Dates

Date	
2/27	Shutdown begins
2/27	Open Collision Hall, begin detector work
2/27 - 6/1	No Owl shifts (Cryo: 3/6 - 5/22): HV off at night!
3/1 - 4/6	No Hardware Event Builder
3/7	Open all steel, full detector access
3/15 - 3/29	Hilman roller replacement (NW IMU steel)
3/13	Chambers off flammable gas
3/18	8 hour power outage to B0 and trailers
4/3 - 4/26	Solenoid bore access
4/3	1/2 hour site wide power outage
4/24	1/2 hour site wide power outage
5/1	Flammable gas to COT (test recirculation system)
5/12	Restrict access to collision hall
5/12 - 5/25	Cosmic rays, Calibration and debugging
5/25	Tevatron Cold



CDF Run IIB Detector



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CDF Run IIB Detector (inner)

